

ABSTRACT

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The increase of temperature of heat sensitive devices during heat generating conditions is prevented through the absorption of heat, by providing a bicarbonate salt, such as lithium bicarbonate, sodium bicarbonate, potassium bicarbonate, magnesium bicarbonate, calcium bicarbonate, beryllium bicarbonate, aluminum bicarbonate, ammonium bicarbonate and mixtures thereof, in an amount sufficient to effect the required heat absorption. Where the heat generating conditions are generated by a heat generator, separate and distinct from the heat sensitive device, the bicarbonate salt may be supported in a position between the heat sensitive device and the heat generator. Where the heat sensitive device is itself the heat generator, the bicarbonate salt is in contact with the heat sensitive device, either directly or indirectly.